



Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

ATTY DOCKET NO.
1752-0151PAPPLICATION NO.
09/983,887APPLICANT
Akio INOUE et al.FILING DATE
October 23, 2001GROUP
1614

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APR 25 2002

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Emu	5,478,730	1995-12-26	ALAKHOV et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
Emu	WO 90/05785A1	1990-05-31	WO				
	WO 91/05058A1	1991-04-18	WO				
	JP7-110236B2	1995-11-29	JAPAN			Partial	
	JP4-200390A	1992-07-21	JAPAN			Partial	

1-15

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

Emu	Lutz JERMUTUS et al., Current Opinion in Biotechnology, Vol. 9, (1998), pp.534-548.
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EXAMINER <i>Angela M. Mayer</i>	DATE CONSIDERED <i>5/3/2005</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-1449		ATTY DOCKET NO. 1752-0151P		APPLICATION NO. 09/983,0	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)		APPLICANT Akio INOUE et al.		FILING DATE October 23, 2001	
		GROUP 1614		TECH CENTER 1500/1900	
U.S. PATENT DOCUMENTS					
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↑	Deborah A. STEEGE, RNA (2000), Vol. 6, pp.1079-1090.				
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EXAMINER <i>Suzanne M. Mayer</i>			DATE CONSIDERED <i>5/3/2005</i>		
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Form PTO-1449		ATTY DOCKET NO. 1752-0151P		APPLICATION NO. 09/983,066	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (See several sheets if necessary) APR 24 2002 PATENT & TRADEMARK OFFICE		APPLICANT Akio INOUE et al.		FILING DATE October 23, 2001	
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↑	Kathy BOON et al., Eur. J. Biochem., Vol. 210, (1992), pp.177-183.				
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EXAMINER	DATE CONSIDERED				
Luisa M. Mayer			5/3/2005		
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↑	David V. FREISTROFFER et al., The EMBO Journal, Vol. 16, No. 13, (1997), pp.4126-4133.				
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Suzanne M. Mayer		5/3/2005			
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↑	David C. KASLOW et al., Bio/Technology, Vol. 12, (May 1994), pp.494-499.				
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EXAMINER	<i>Suzanne M. Mayer</i> DATE CONSIDERED 5/3/2005				
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EXAMINER	<i>Laurie M. Mayer</i>			DATE CONSIDERED 5/3/2005	
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↑	Jie LU et al., The International Journal of Biochemistry & Cell Biology, Vol. 31, (1999), pp.215-229.
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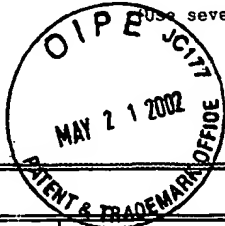
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Smu	4 6 8 3 1 9 5	07/28/1987	Mullis et al.			
Smu	4 7 1 0 4 6 4	12/01/1987	Belagaje et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
						YES NO
Smu	GB 21 83 6 6 1 A	06/10/1987	United Kingdom (abstract only)			
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					YES NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

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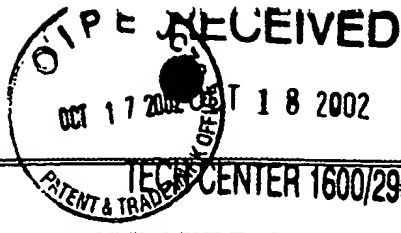


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Sheet 1 of 9 (10/15/02)

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	APPLICANT Akio INOUE et al.	
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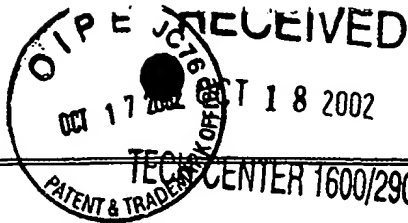
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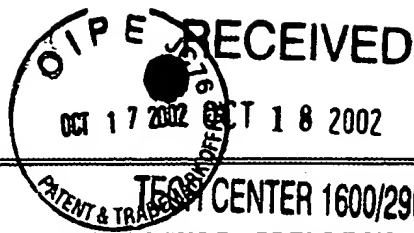
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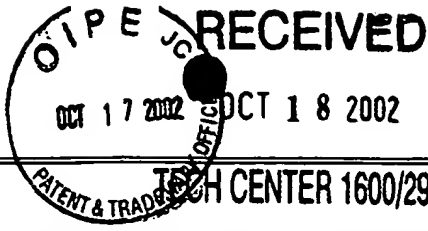
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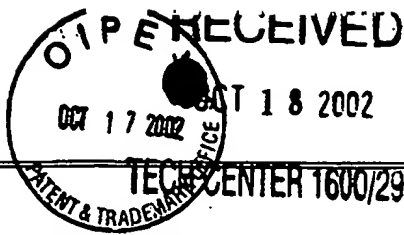
Sheet 5 of 9 (10/15/02)

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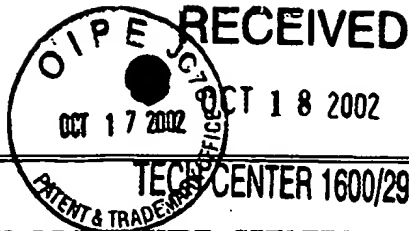
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					YES	NO

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(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

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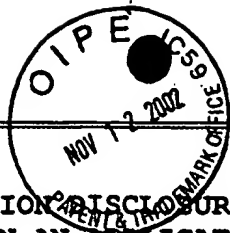
EXAMINER <i>Shane M. Mayer</i>	DATE CONSIDERED <i>5/2/2005</i>
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>		APPLICANT Akio INOUE et al.				
		FILING DATE October 23, 2001		GROUP 1614		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
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<small>EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>						

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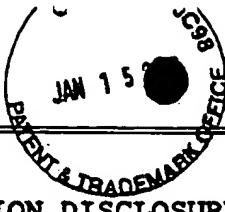
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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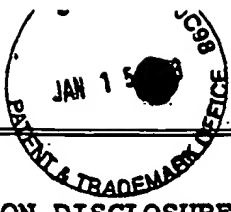
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EXAMINER					DATE CONSIDERED				
<i>Suzanne M. Mayer</i>					5/2/2005				
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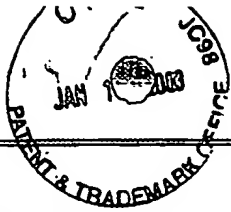


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								YES	NO
* Smu	WO	98/21353	A1	1998-05-22	PCT				

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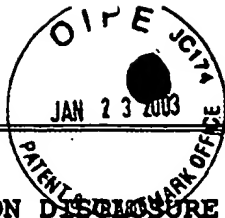
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Lucare m. Mayer	5/3/2005					
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>		APPLICANT Akio INOUE et al.				
		FILING DATE October 23, 2001		GROUP 1614		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
OTHER DOCUMENTS <small>(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.</small>						
Sm	Brian BURKE et al., <i>Biochemistry</i> , Vol. 39, (2000), pp.15540-15547.					
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Smu	Nathalie GRIFFON et al., <i>The EMBO Journal</i> , Vol. 18, No. 17, (1999), pp.4711-4721.
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EXAMINER Suzanne M. Mayer	DATE CONSIDERED 5/3/2005

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	APPLICANT Akio INOUE et al.	
	FILING DATE October 23, 2001	GROUP 1614

U.S. PATENT DOCUMENTS

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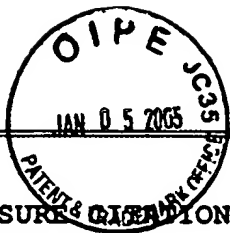
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<i>Smu</i>	George SIMOS et al., <i>The EMBO Journal</i> , Vol. 15, No. 19, (1996), pp.5437-5448.
<i> </i>	Sang Won LEE et al., <i>Gene</i> , Vol. 215, (1998), pp.311-318.
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ATTY. SOCKET NO.
1752-0151PAPPLICATION NO.
09/983,067APPLICANT
Akio INOUE et al.FILING DATE
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1653**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 60/264,147		2001-01-25	Forster et al.			
	US						
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FOREIGN PATENT DOCUMENTS

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
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	WO	02/059293	A2	2002-08-01	PCT				

OTHER DOCUMENTS

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Smu	Yu PAVLOV et al.; J. Mol. Biol.; Vol. 273; 1997; pages 389-401.
Smu	Koichi ITO et al.; Proc. Natl. Acad. Sci.; Vol. 95; July 1998; pates 8165-8169.

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